

Remarks

By this amendment, claims 1-9, 11-28, and 30-37 are cancelled, claims 10, 29, and 38-39 are amended, and new claim 40 is submitted for consideration. Support for new claim can be found at, for example, Fig. 2. No new matter is introduced.

Pending claims 10, 29, and 38-40 are directed to enhanced methods of acquiring multidimensional NMR spectra in times less than those typically associated with conventional, brute force acquisition methods. Such methods are particularly useful for analysis of a proteins and other biological specimens. Even if the pending claims were within a 35 U.S.C. § 101 judicial exception, the claimed methods would be directed to a practical application of such an exception – improved methods for the acquisition of NMR data. These claims are directed solely to NMR data acquisition and do not preempt any abstract idea. The claimed methods are repeatable, and thus produce a concrete result. Thus, even if the pending claims were to fall within a 35 U.S.C. § 101 judicial exception, they would be patentable as directed to a practical application that produces a useful, concrete, and tangible result.

In view of the preceding, all pending claims are believed to be in condition for allowance.

Respectfully submitted,

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